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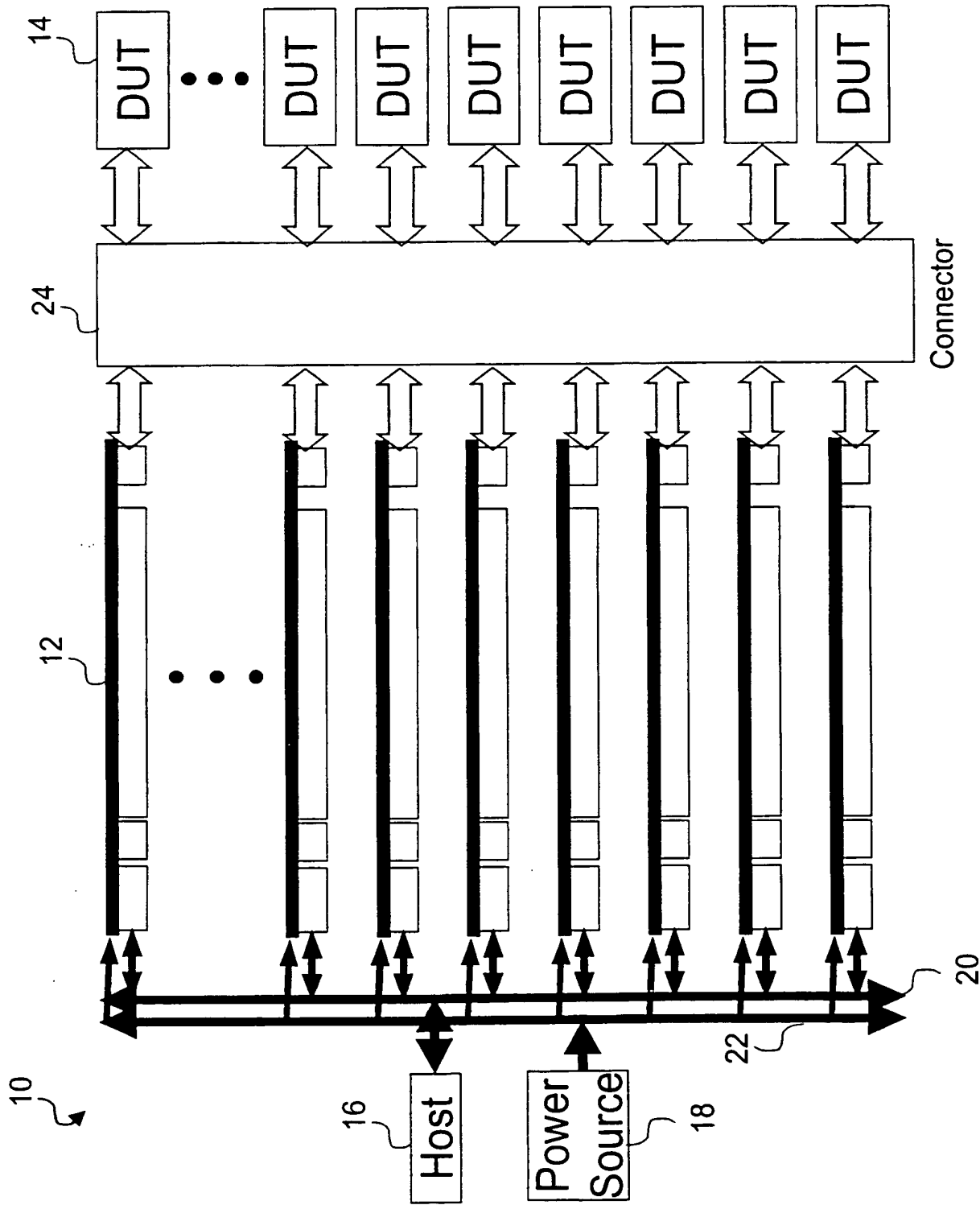


Figure 1

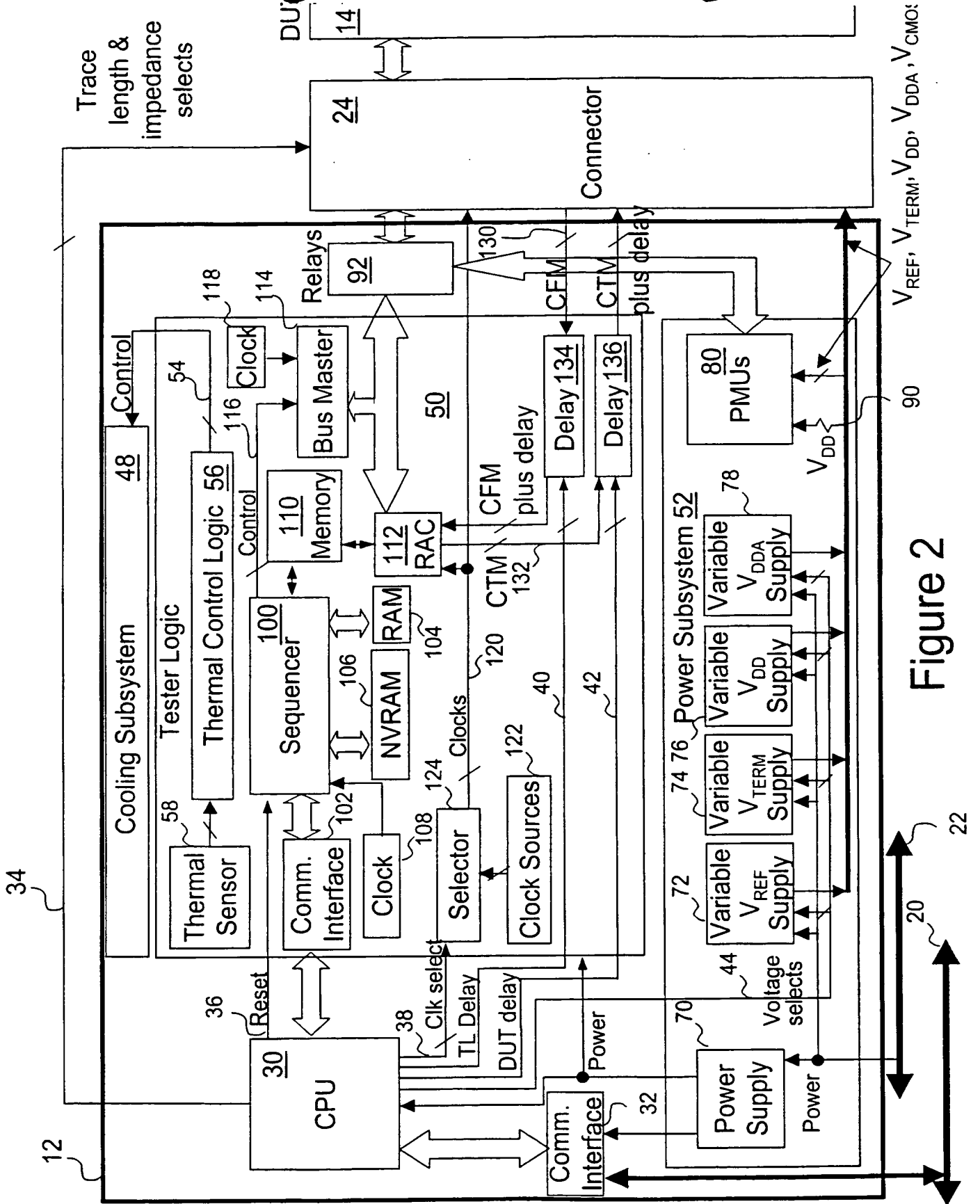
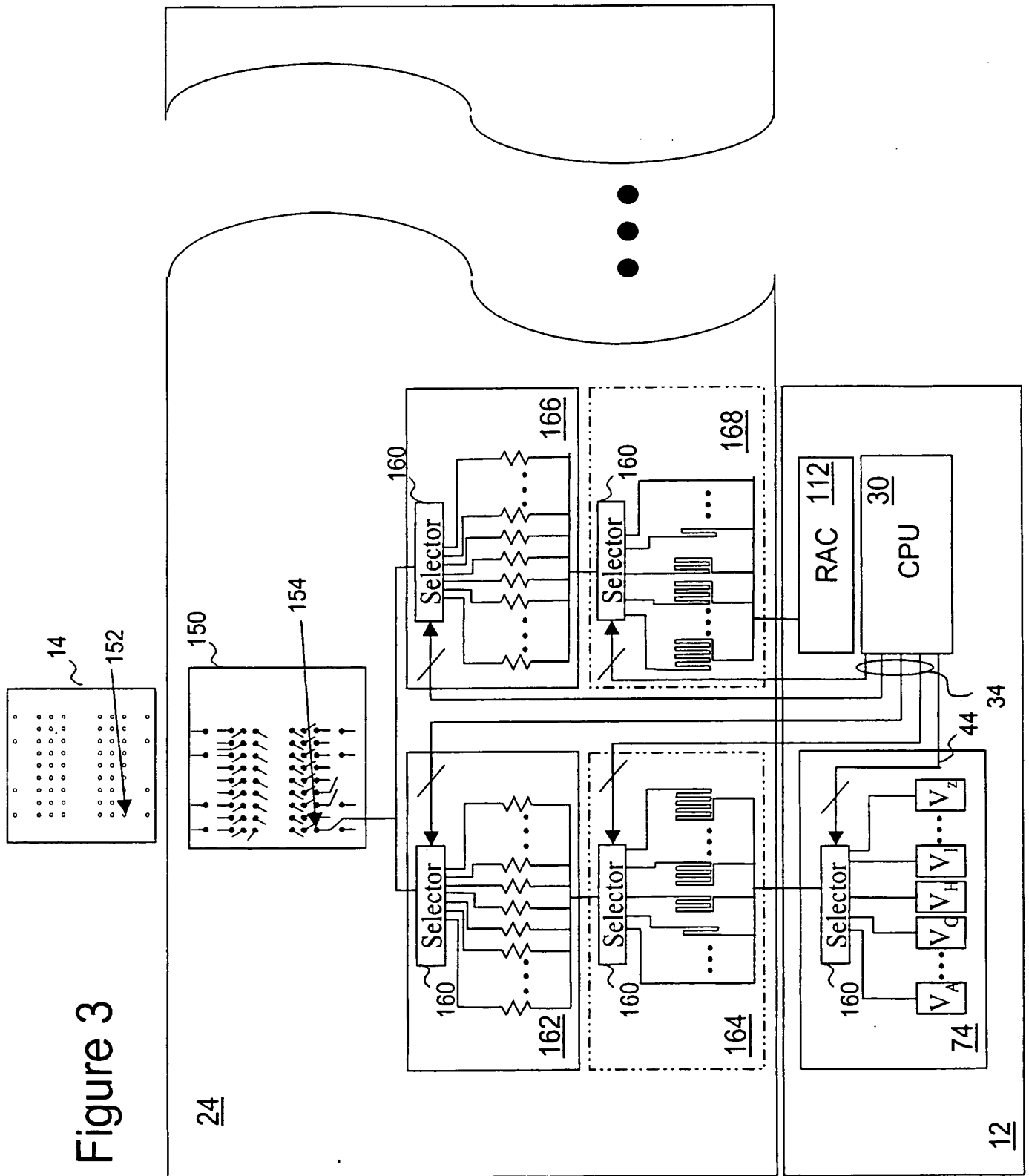


Figure 2

Figure 3



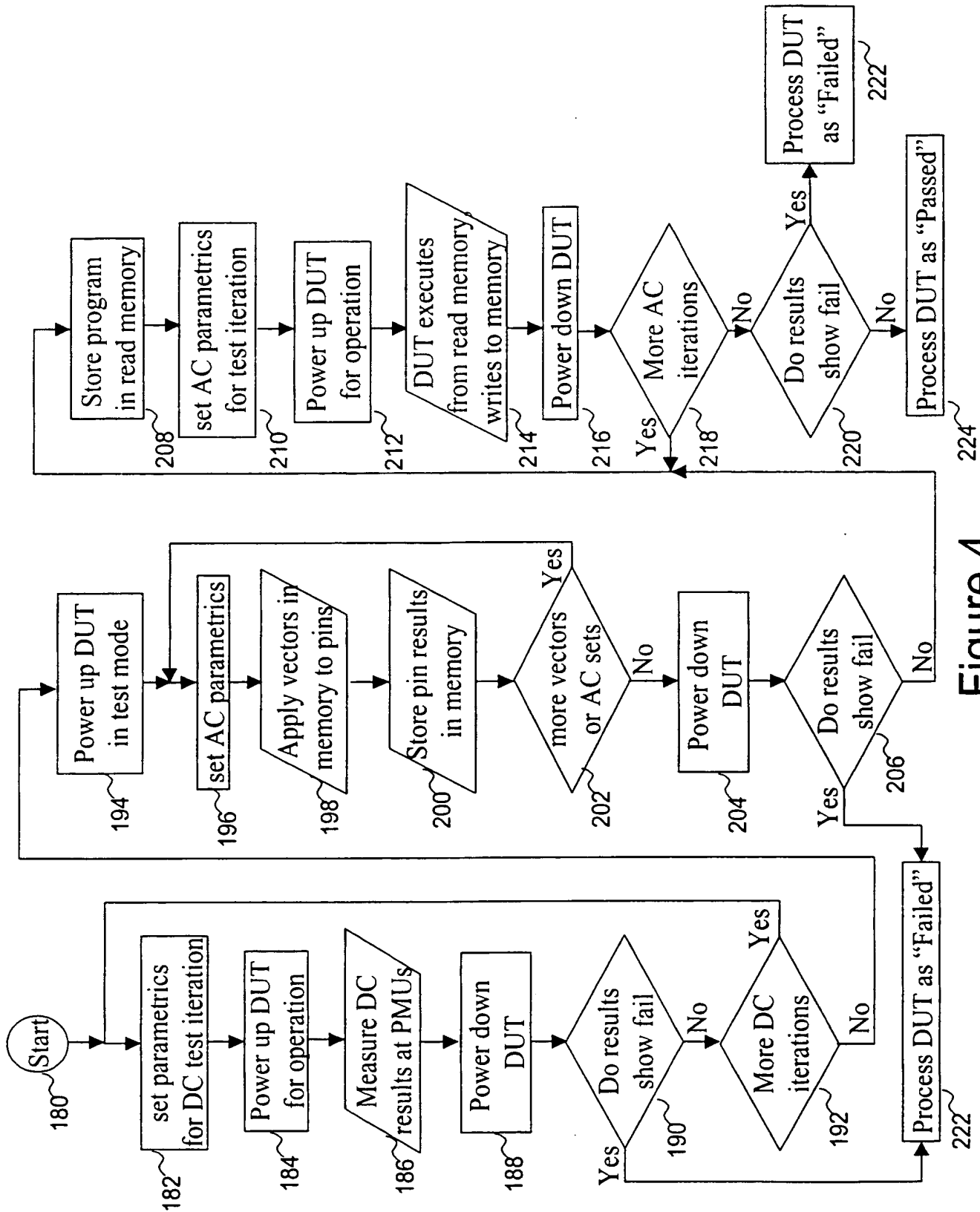


Figure 4

Figure 5A

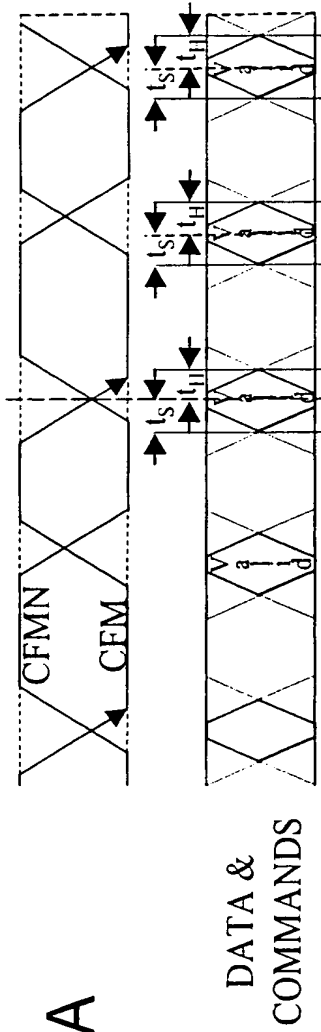


Figure 5B

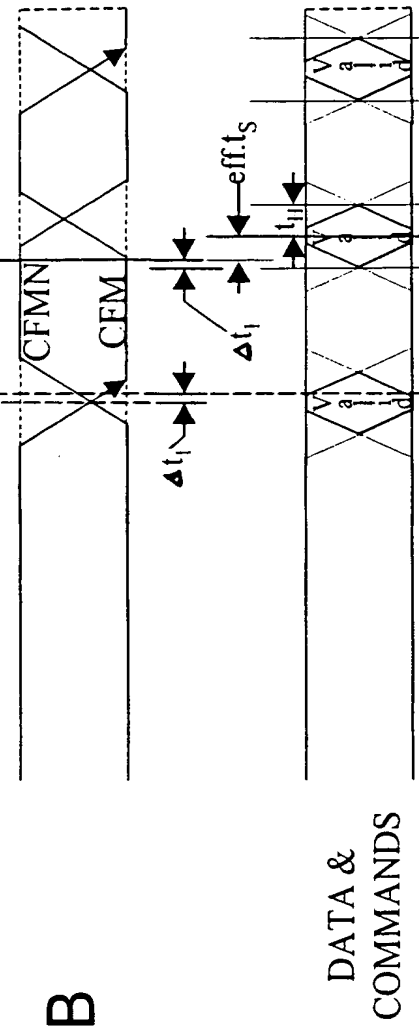


Figure 1 consists of 12 bar charts arranged in a 6x2 grid. Each chart displays the distribution of a specific parameter for the 1000 most abundant taxa. The y-axis for all charts represents the number of taxa, ranging from 0 to 1000. The x-axis represents the number of OTUs, ranging from 0 to 1000. The parameters shown are:

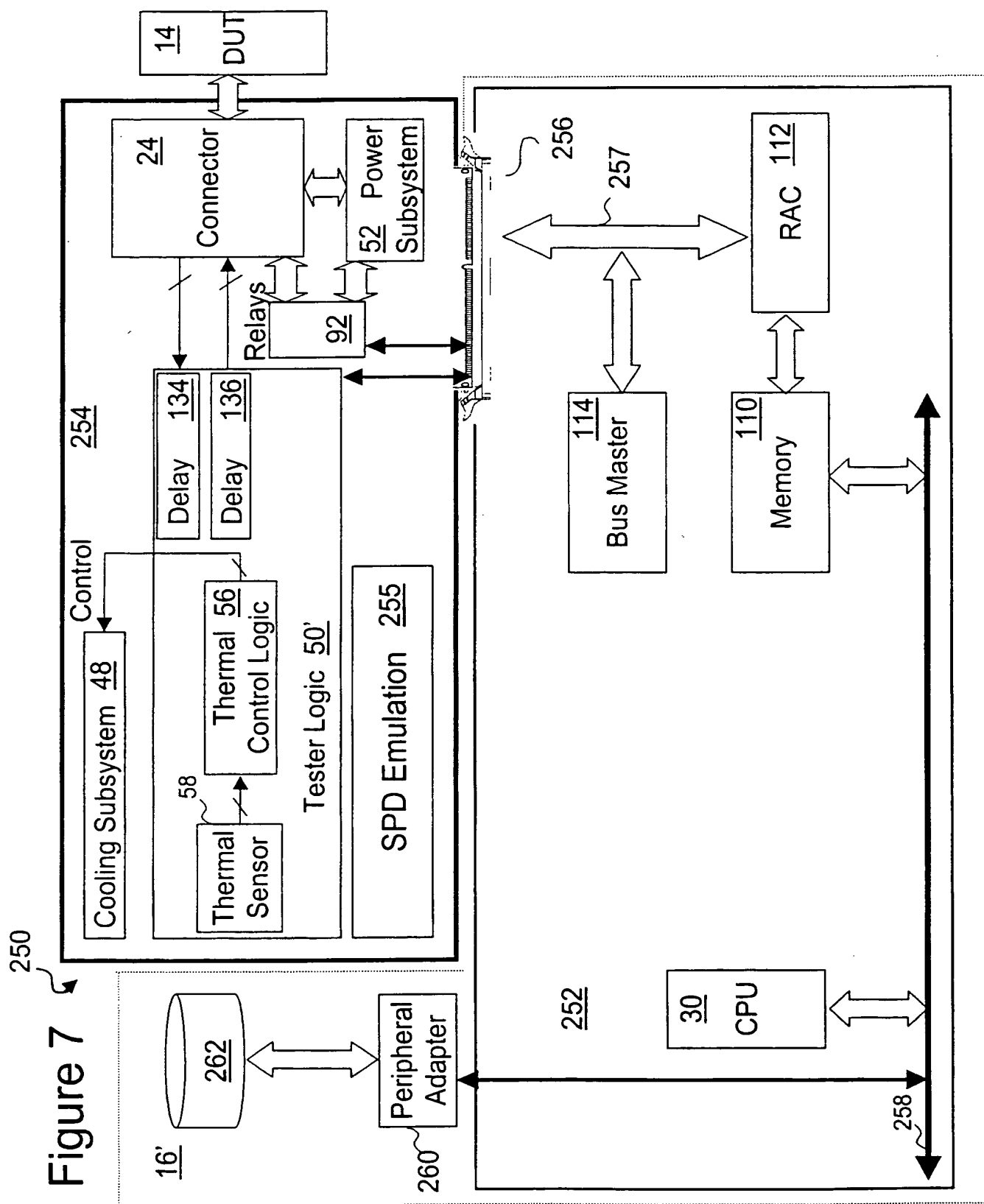
- Number of taxa
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs
- Number of OTUs

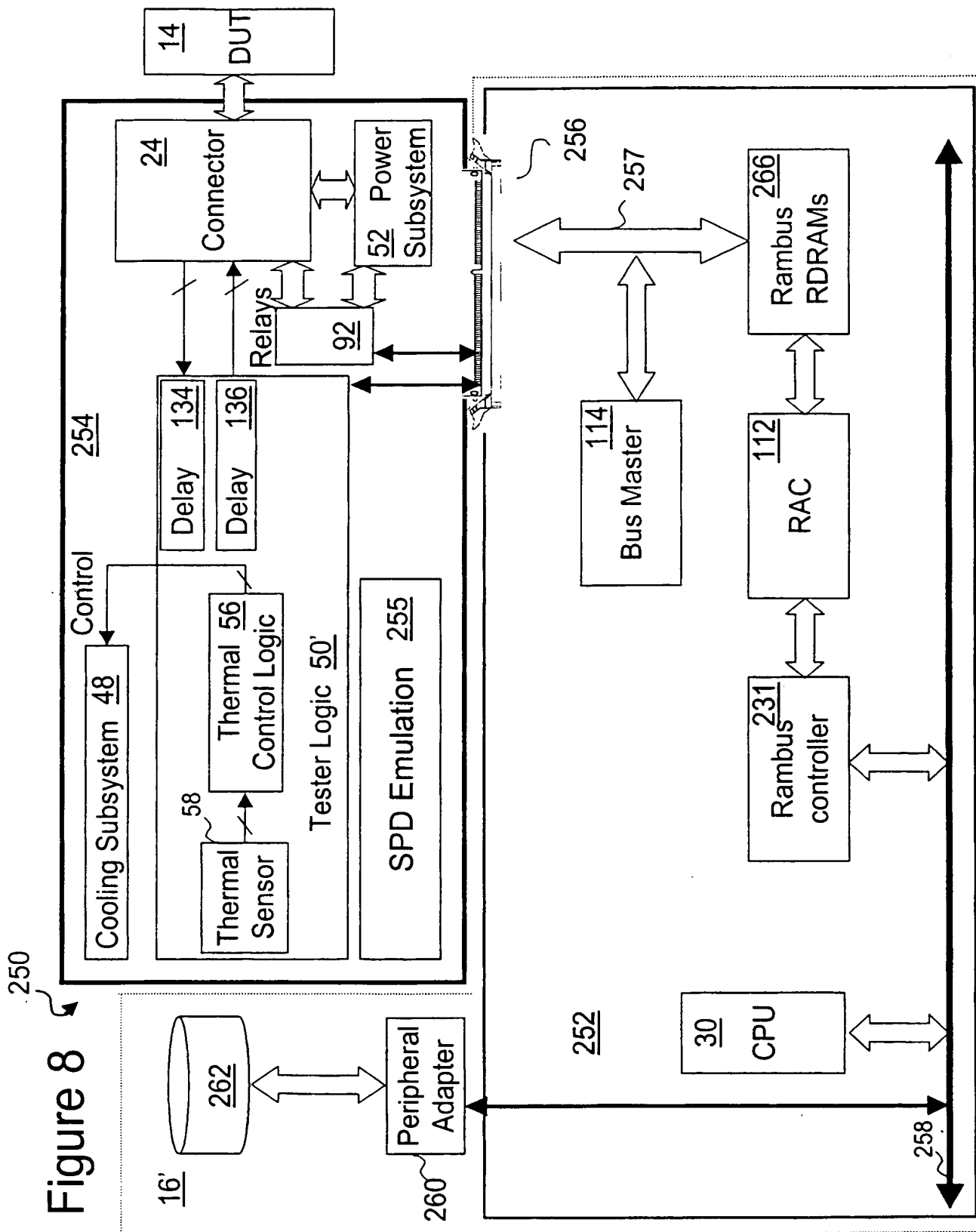
The charts show a general trend of decreasing frequency as the number of OTUs increases, with some variations in the shape of the distribution.

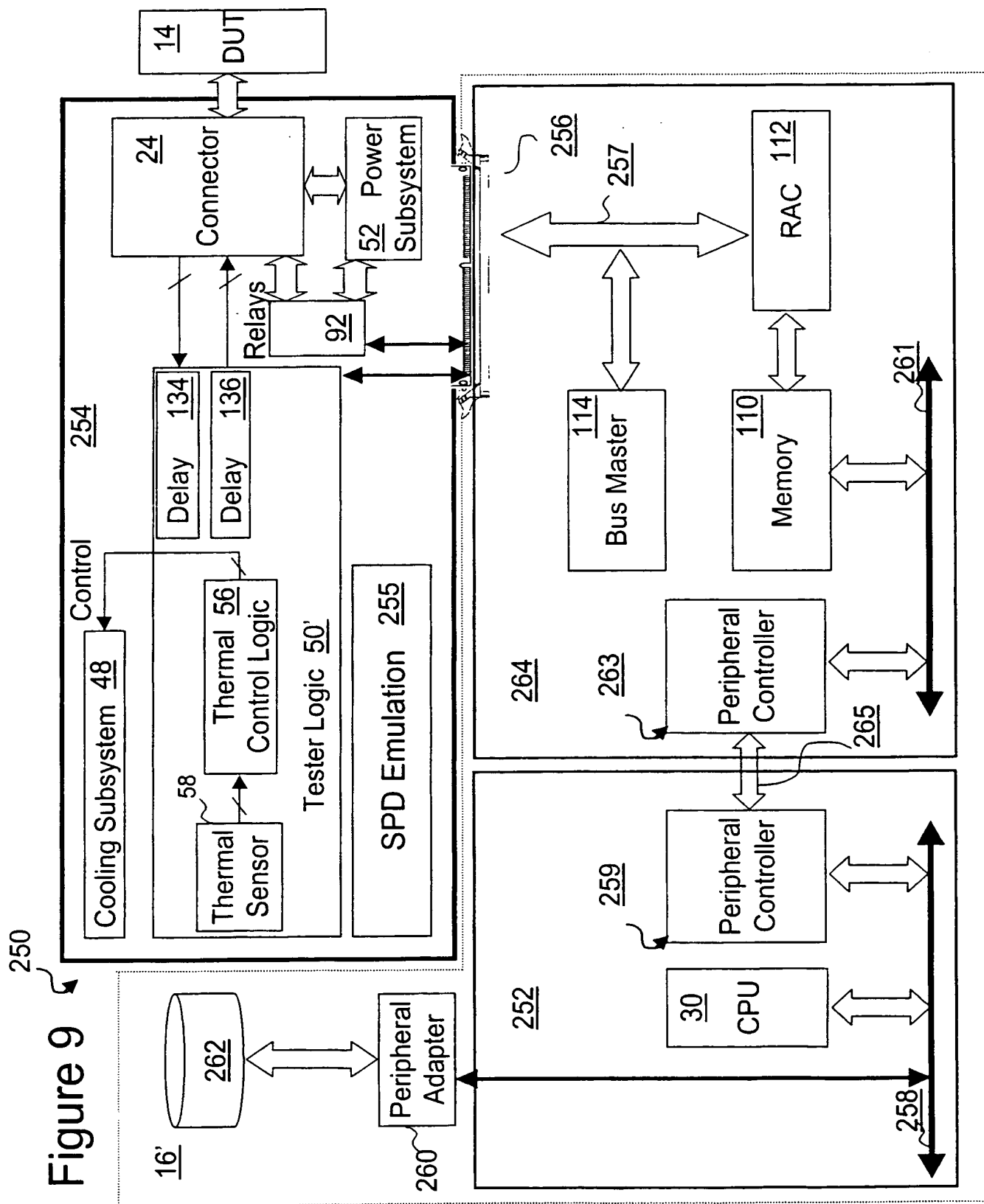


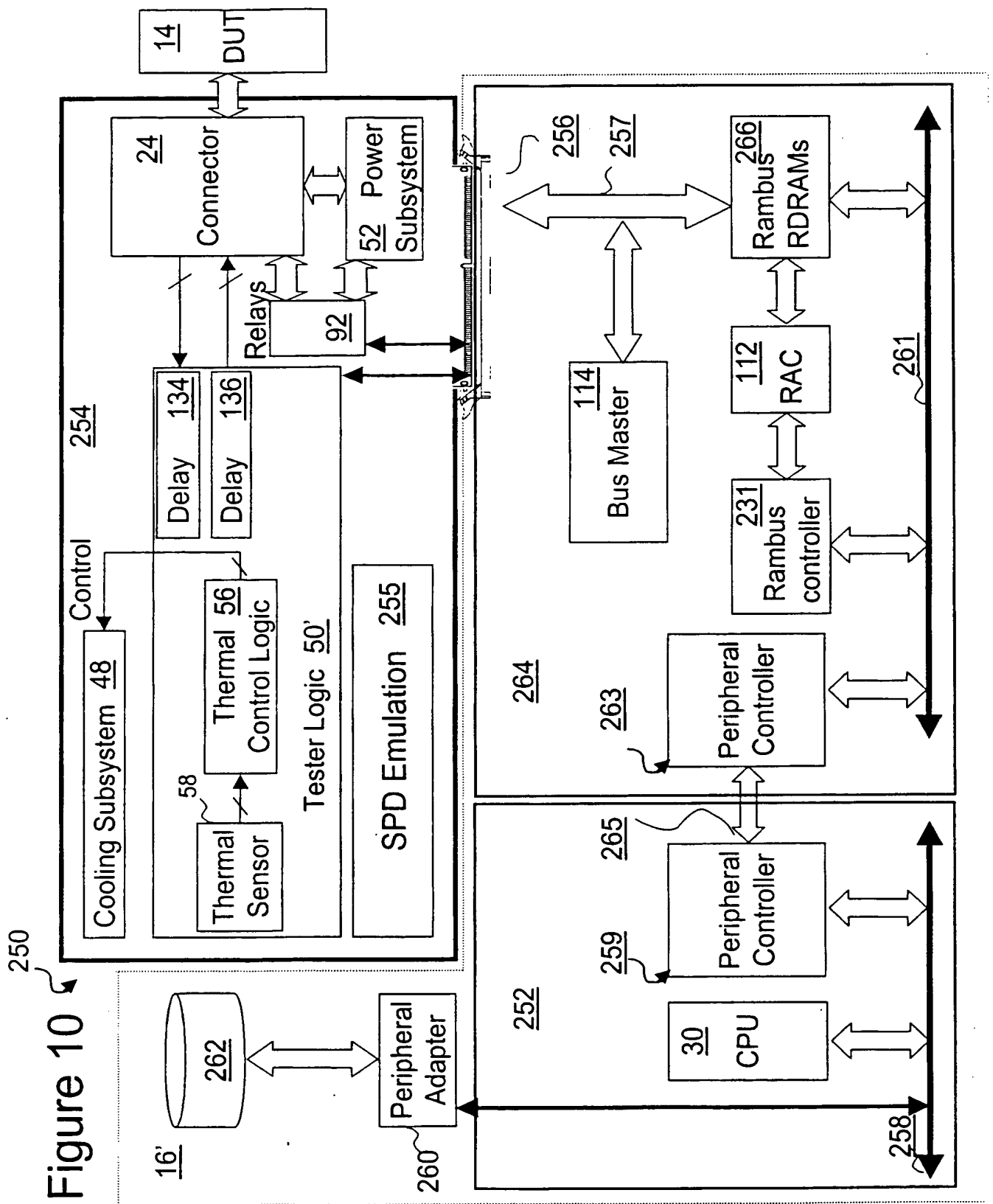
Figure 1 consists of 12 bar charts arranged in a 6x2 grid. Each chart displays the distribution of a specific parameter for the 1000 most abundant taxa. The y-axis for all charts represents the number of taxa, ranging from 0 to 1000. The x-axis represents the number of OTUs, ranging from 0 to 1000. The parameters shown are: 1. Number of taxa, 2. Number of OTUs, 3. Number of OTUs, 4. Number of OTUs, 5. Number of OTUs, 6. Number of OTUs, 7. Number of OTUs, 8. Number of OTUs, 9. Number of OTUs, 10. Number of OTUs, 11. Number of OTUs, 12. Number of OTUs. The distributions are generally skewed towards lower values, with the number of taxa decreasing as the number of OTUs increases. The charts show a general trend of decreasing frequency as the number of OTUs increases, with some variations in the shape of the distribution.











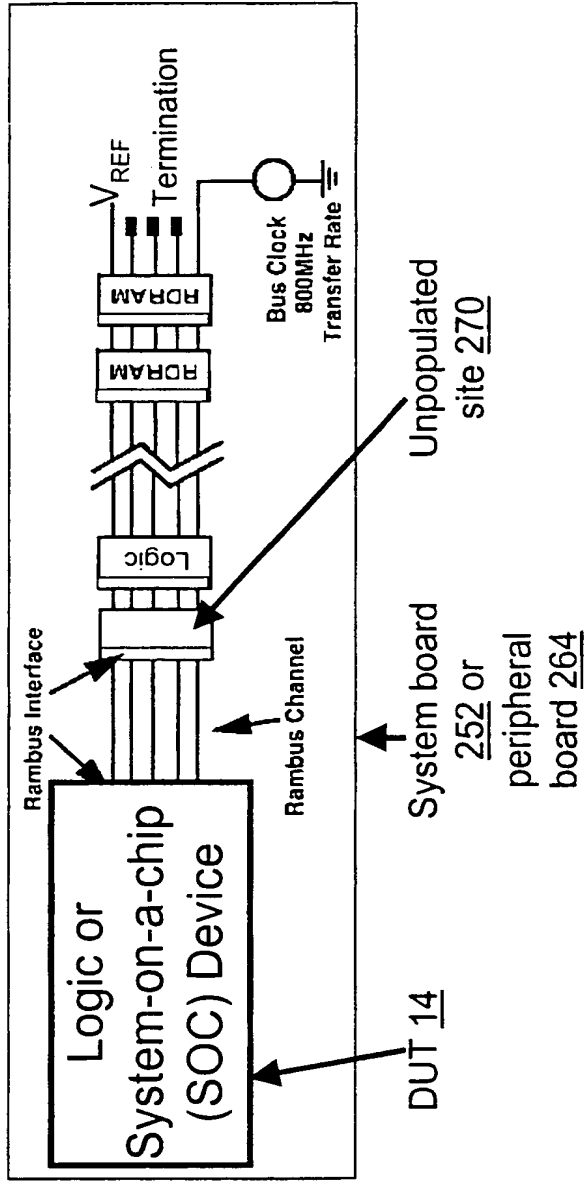


Figure 11A

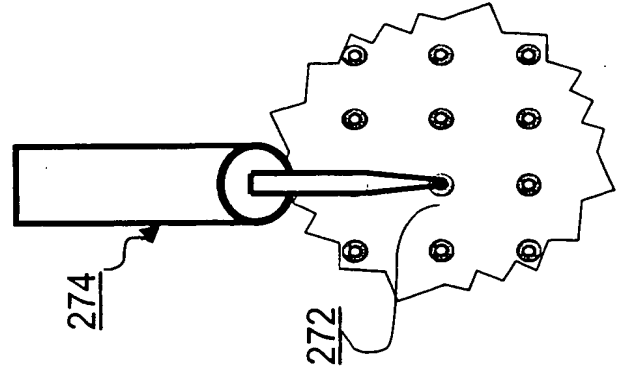


Figure 11C

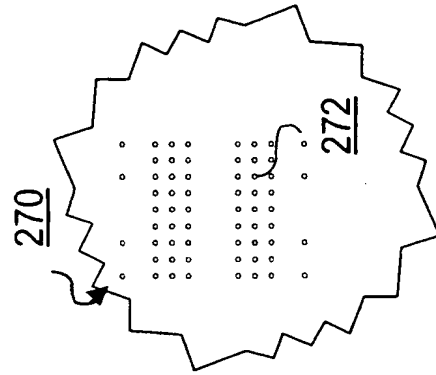


Figure 11B

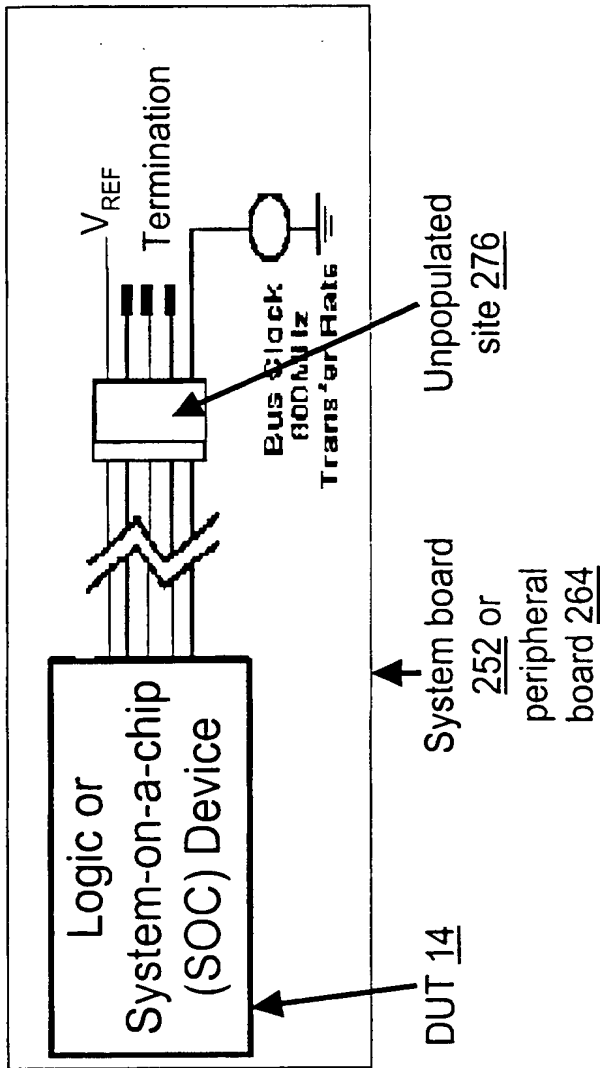


Figure 12A

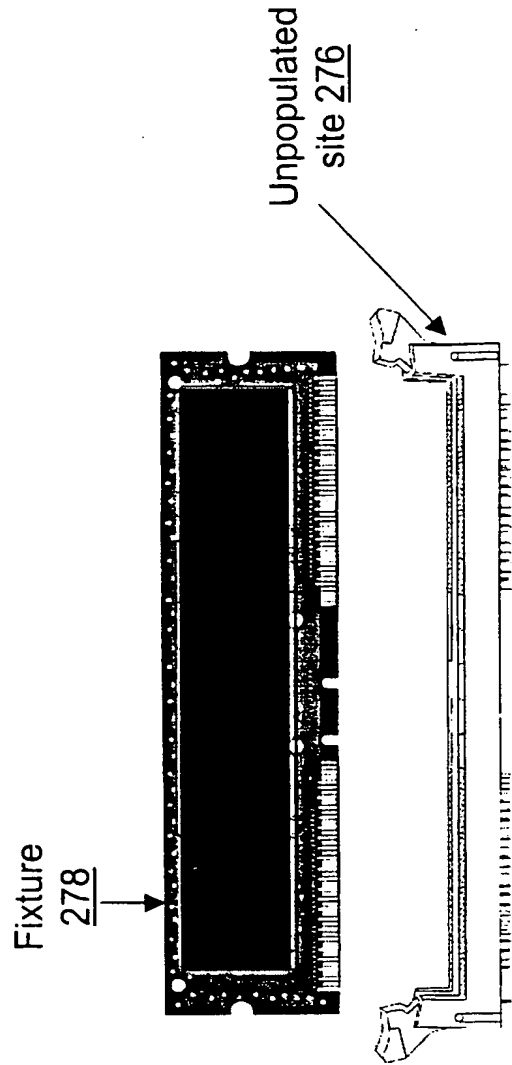


Figure 12B

FIG. 13

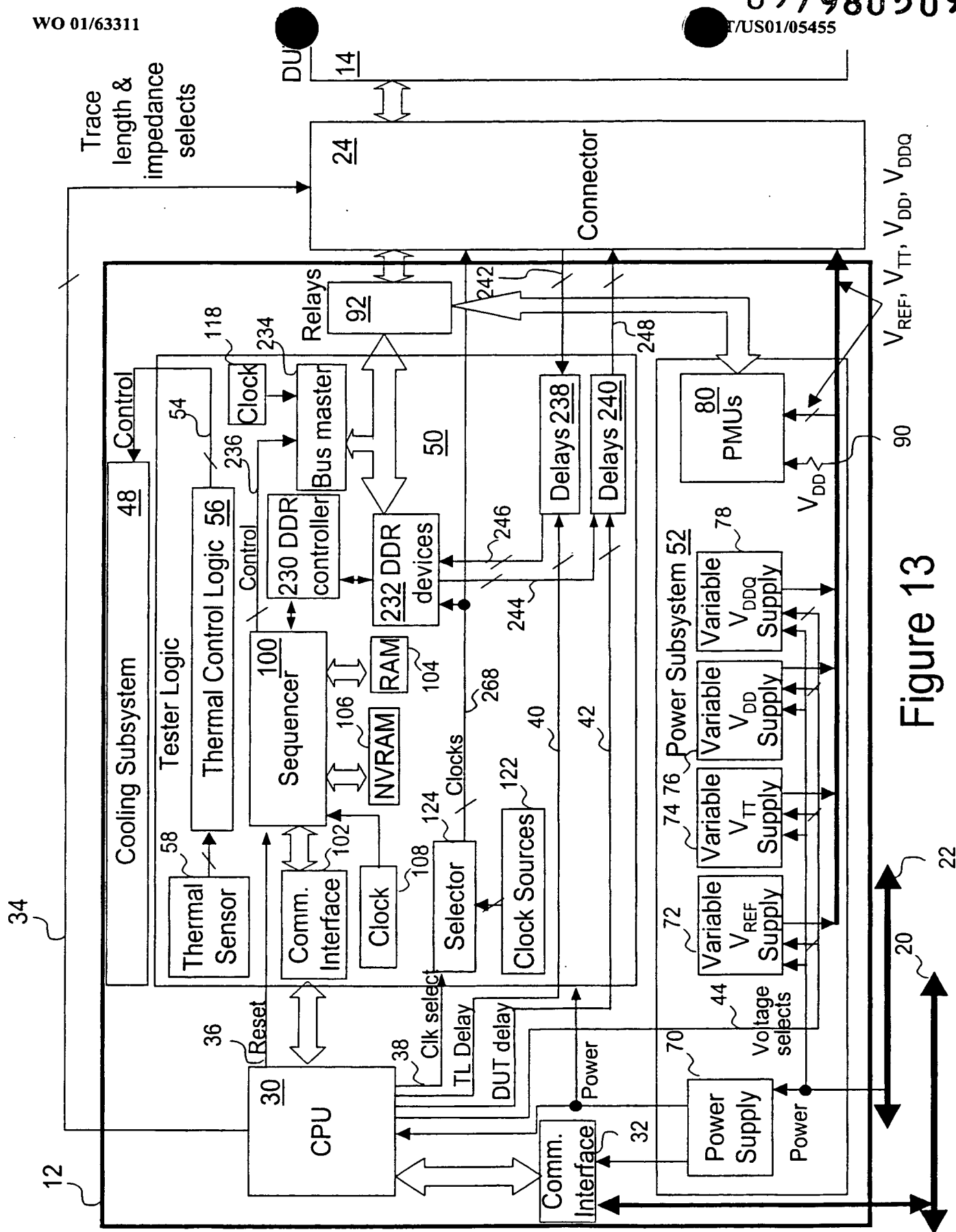
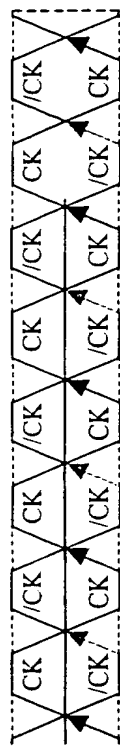
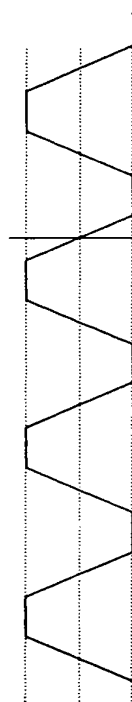


Figure 13

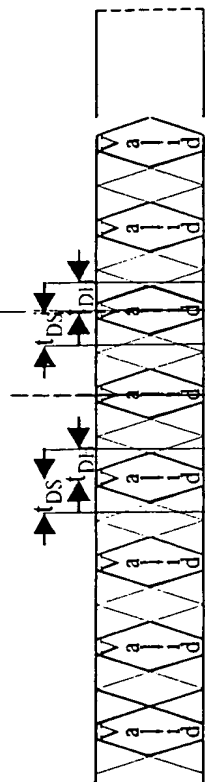
Figure 14A



CLOCK

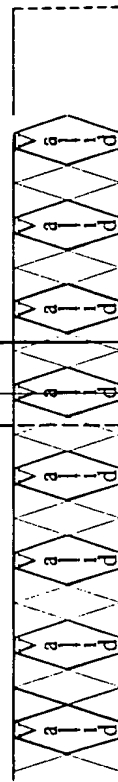


STROBE

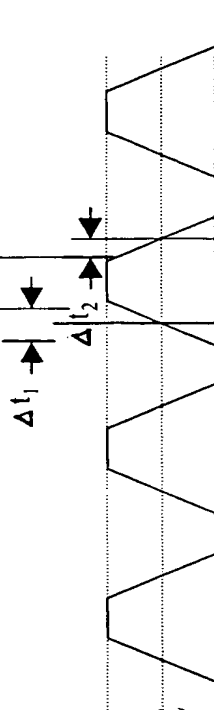


DATA

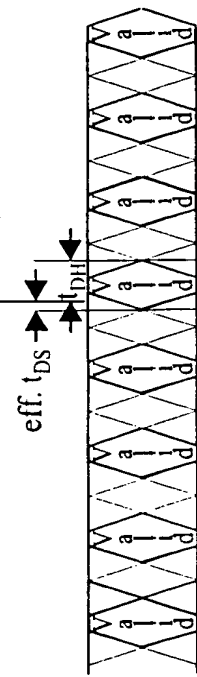
Figure 14B



DELAYED DATA



DELAYED STROBE



Effective DATA

Figure 15A

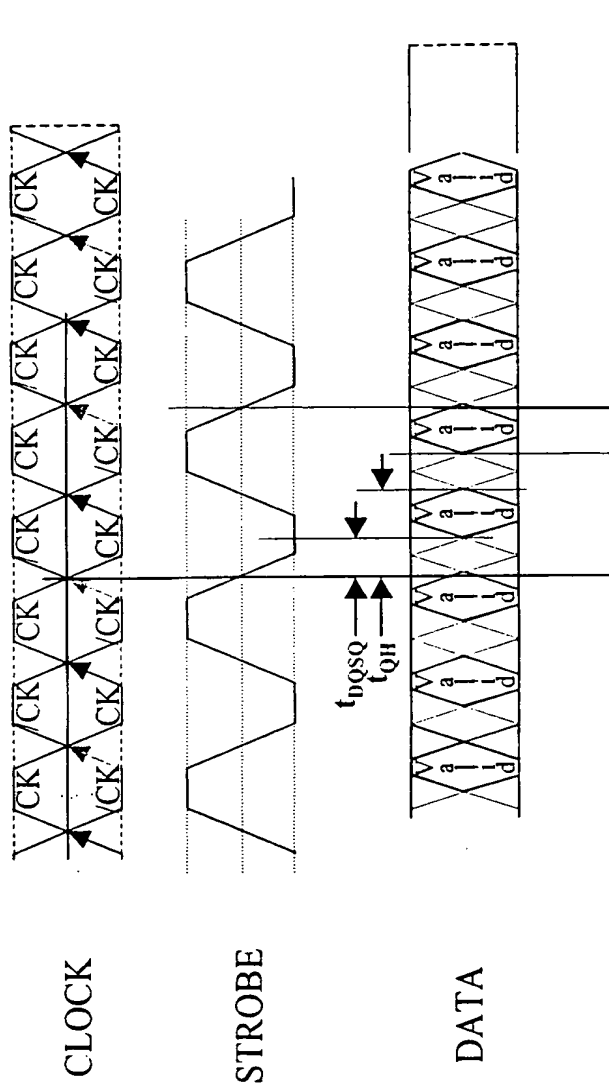


Figure 15B

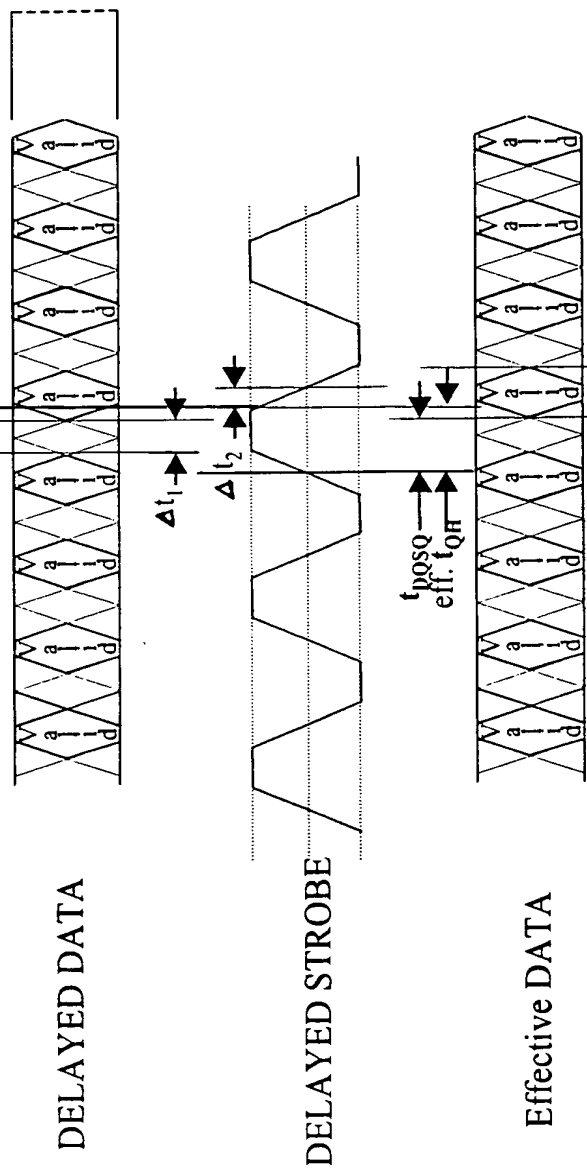
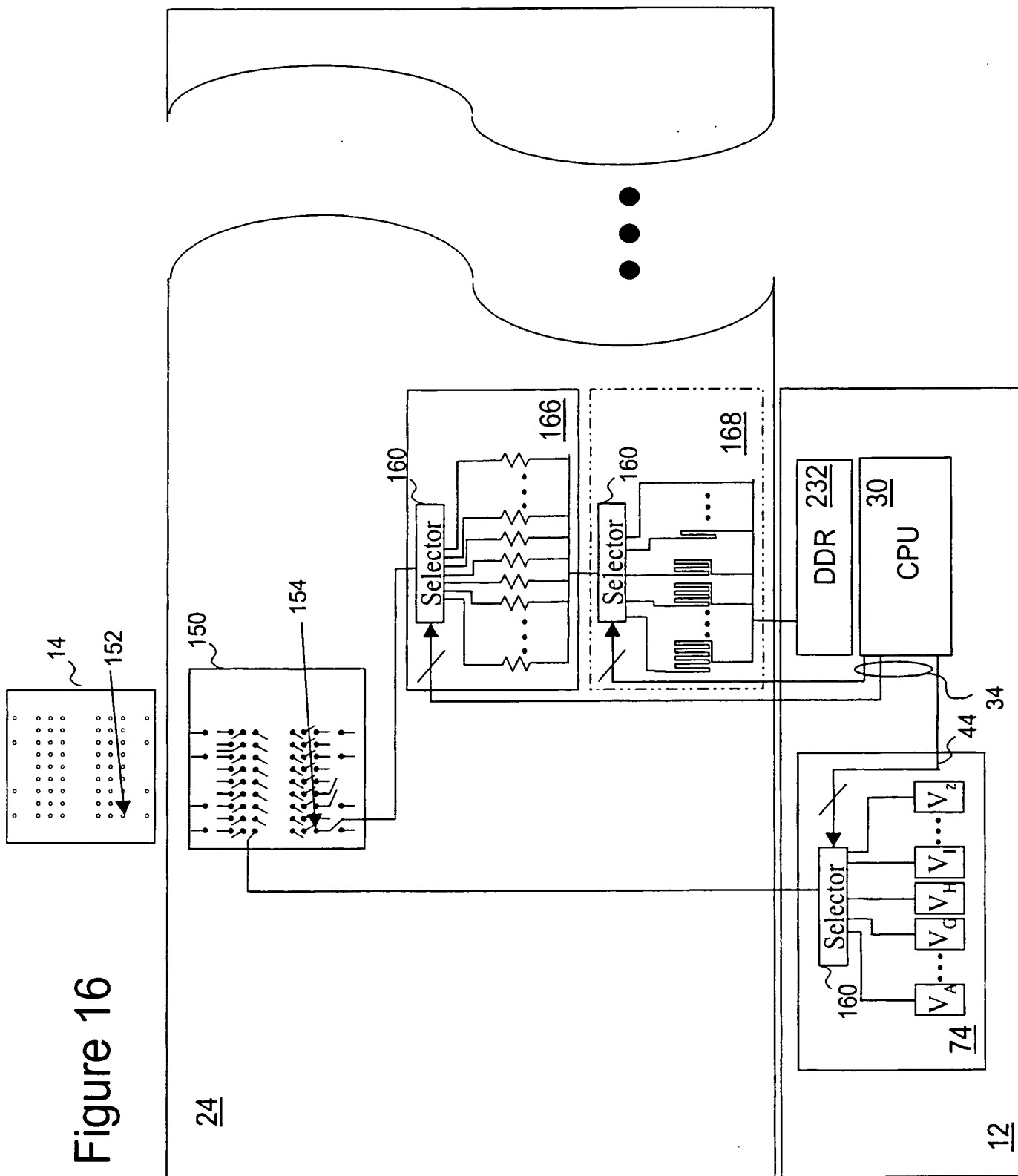
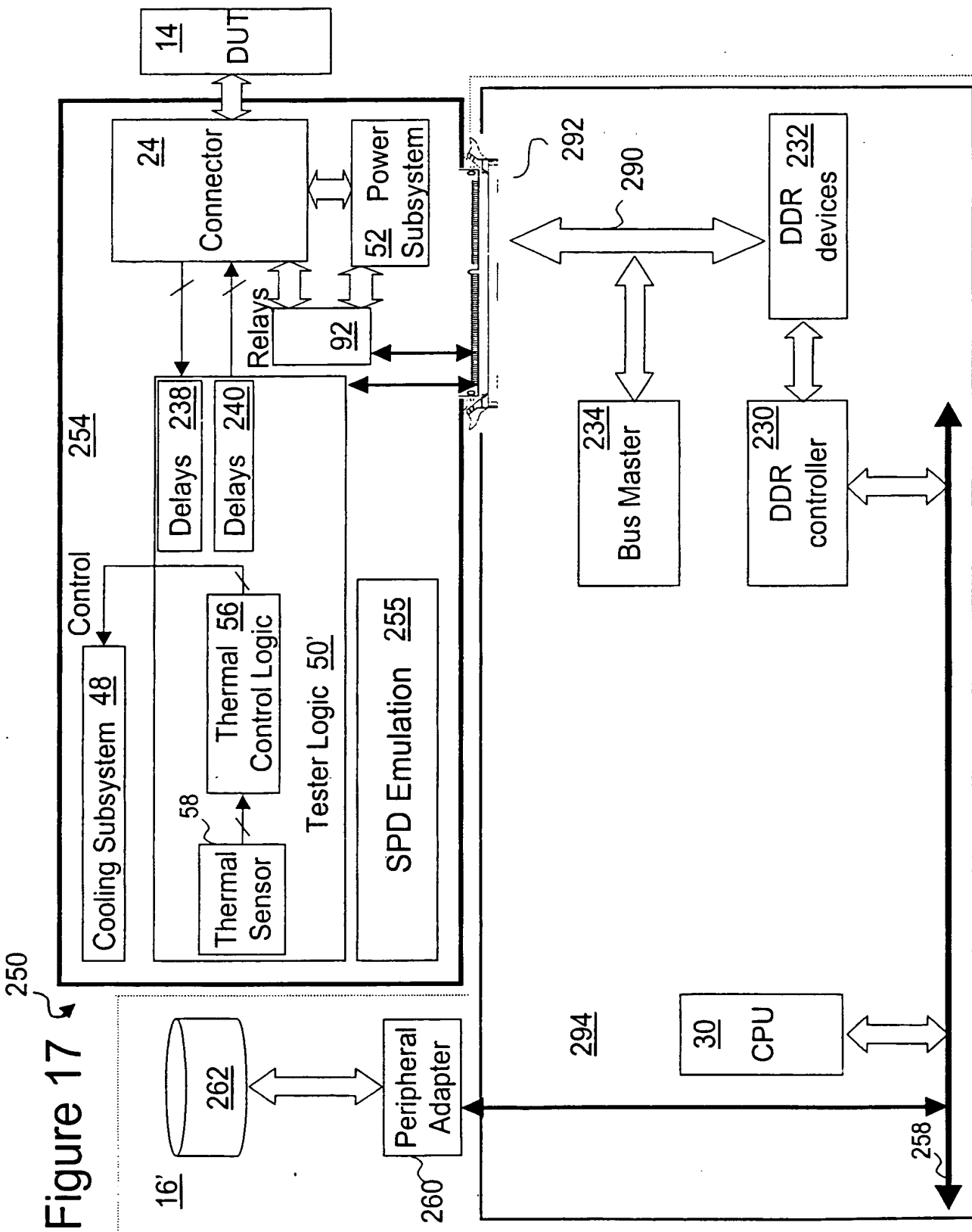


Figure 16





250



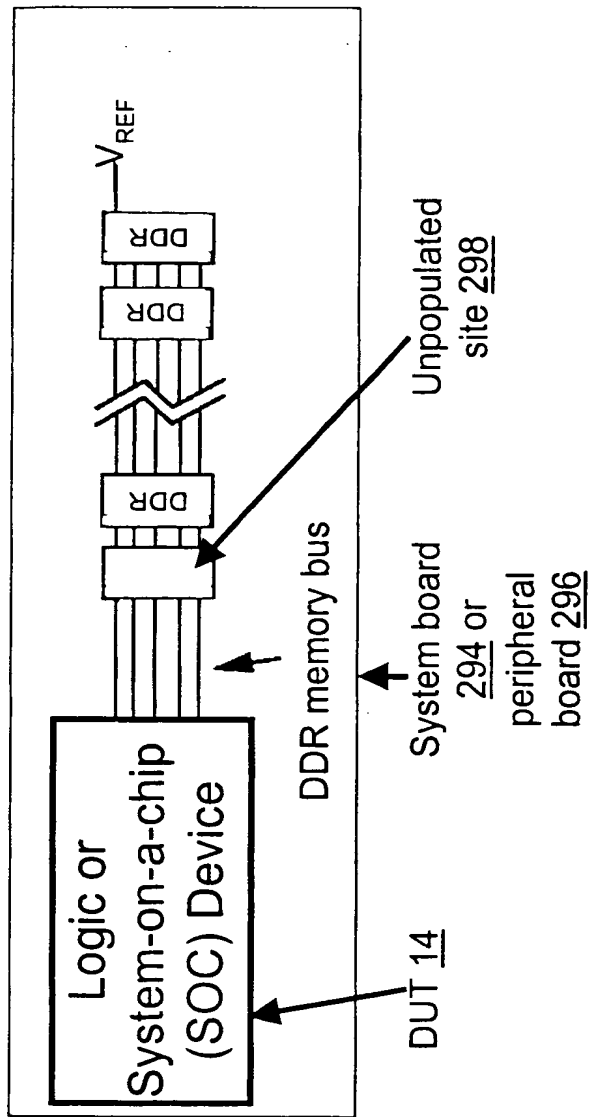


Figure 19A

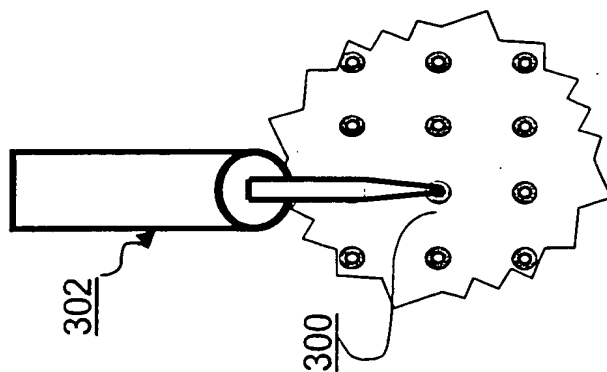


Figure 19C

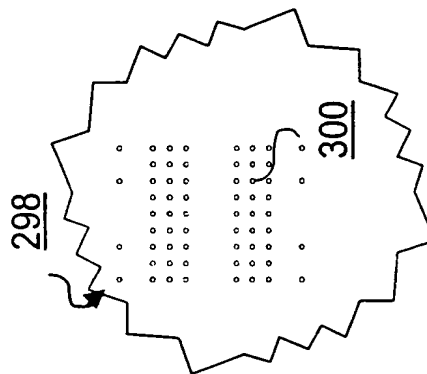


Figure 19B

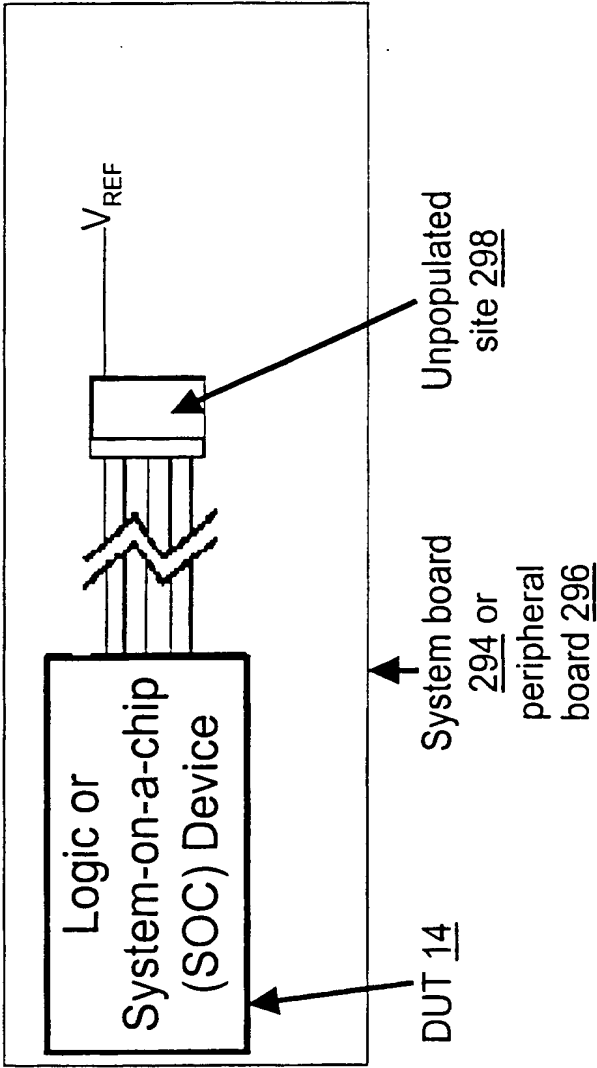


Figure 20A

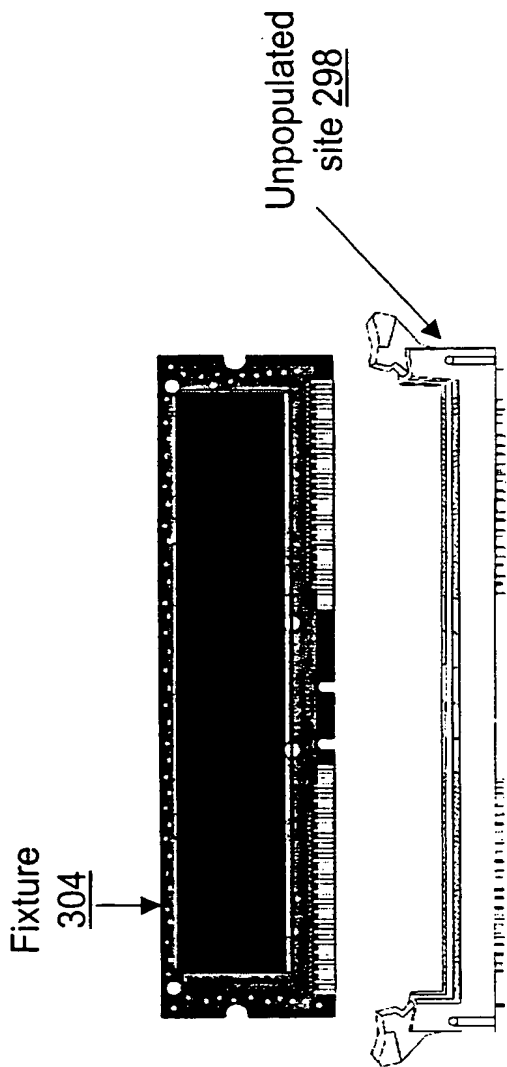


Figure 20B

FIG. 60508660

Figure 21A

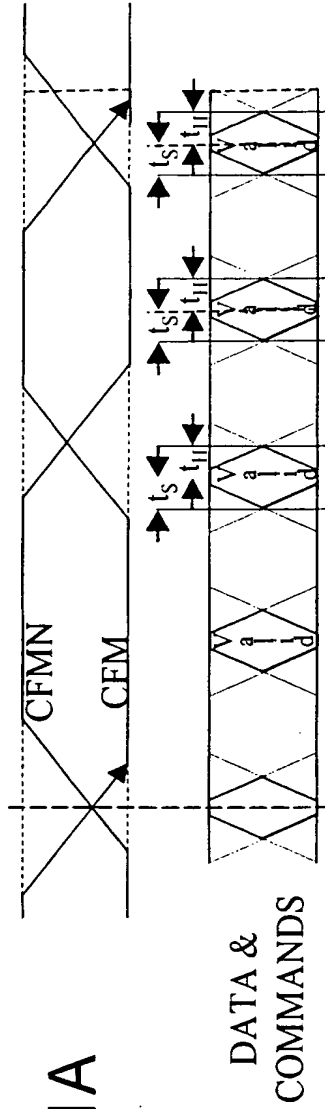


Figure 21B

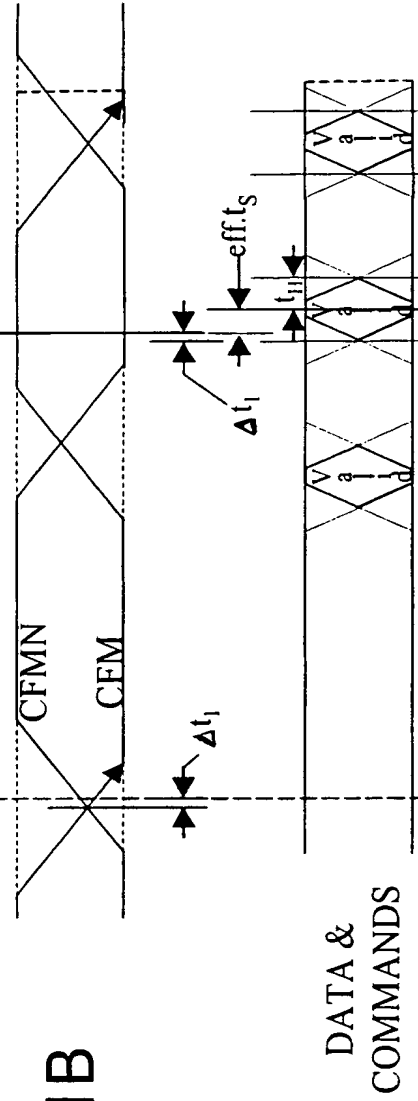


FIG. 10

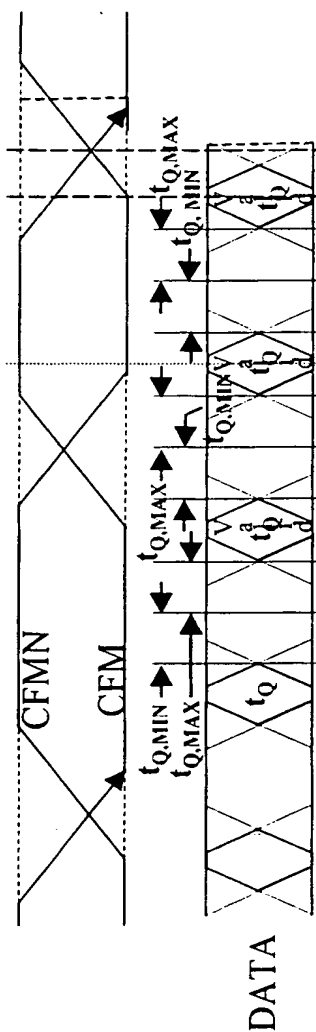


Figure 22A

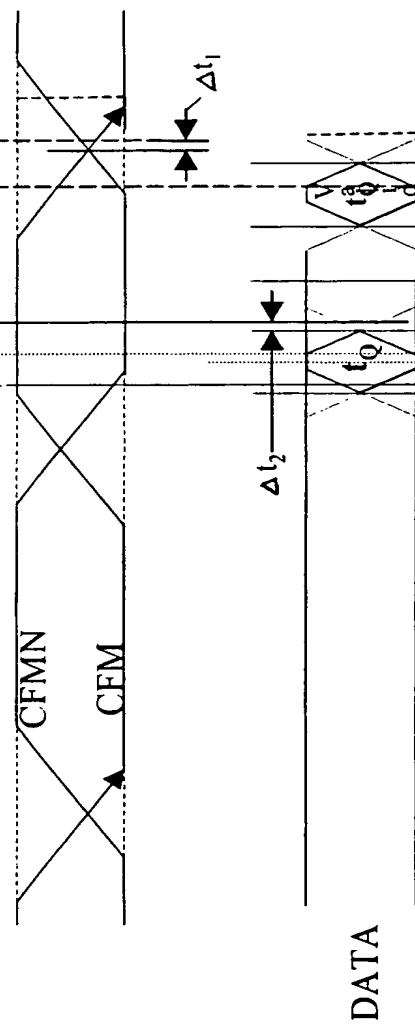


Figure 22B

CLOCK

STROBE

DATA

The diagram illustrates the timing of data and strobe signals in a memory array. It consists of three main sections: **DELAYED DATA**, **DELAYED STROBE**, and **Effective DATA**.

- DELAYED DATA:** Shows a sequence of data words (M, a, d) being read from memory cells. The data is delayed relative to the strobe signal.
- DELAYED STROBE:** Shows a sequence of strobe pulses. The delay between the data and the strobe is indicated by Δt_1 and Δt_2 .
- Effective DATA:** Shows the resulting data words after the strobe is applied. The effective data is delayed relative to the strobe by t_{DS} and t_{DH} .

Figure 24A

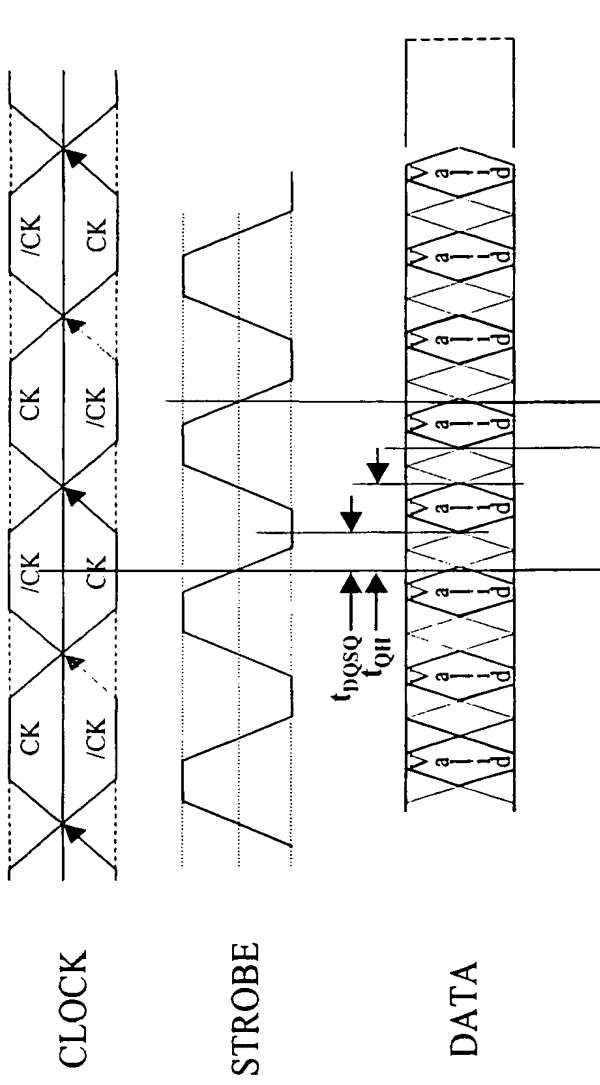


Figure 24B

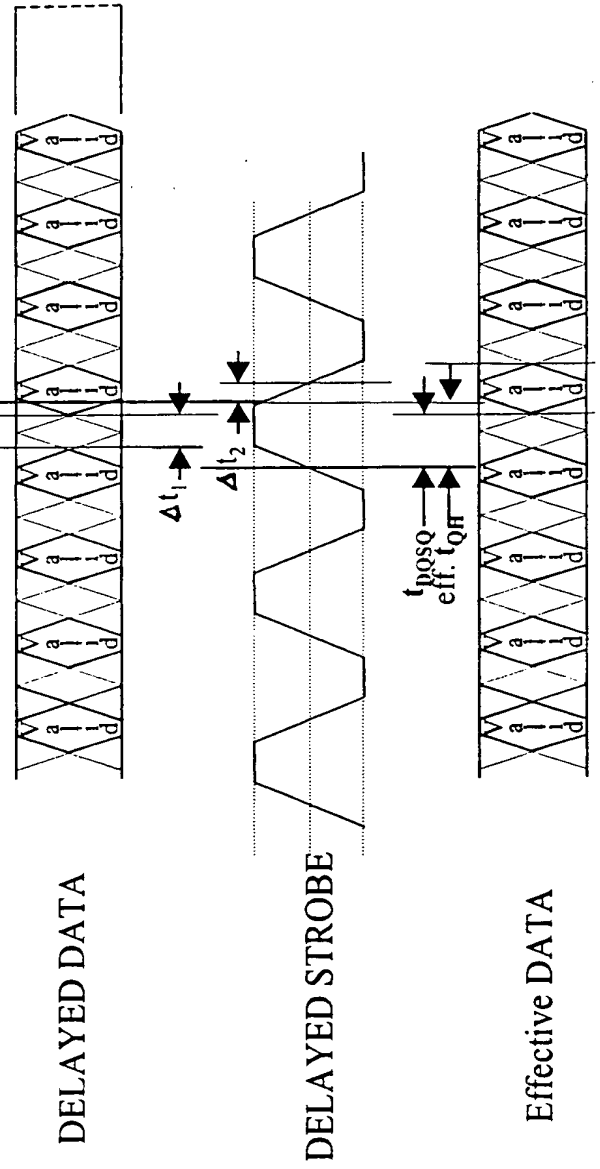


Figure 25

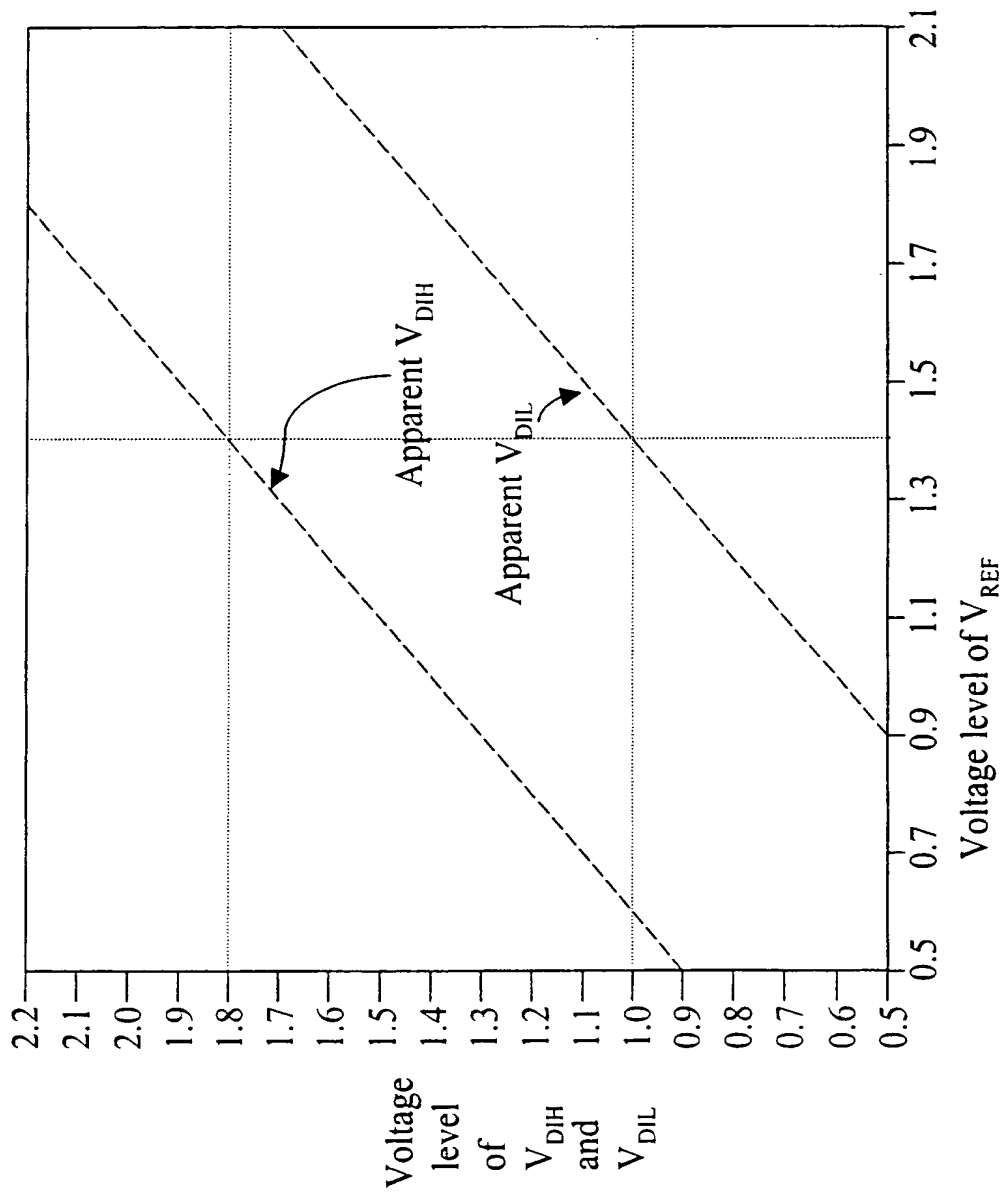


Figure 26

